

Technical Product Information No. 08.01

Product/Version	CamDisc ^{SVR} 4, CamDisc ^{SVR} 10, CamTel ^{SVR} 4, CamTel ^{SVR} 10, CamMobile 4, CamMobile 10
Date	February 2008
Topic	Installation of the USB device driver
Short description	Installation of the USB device driver for use of the USB direct connection
Download Current Firmware Version	CamDisc ^{SVR} 4, CamDisc ^{SVR} 10, CamTel ^{SVR} 4, CamTel ^{SVR} 10, CamMobile 4, CamMobile 10: http://www.heitel.com/en/service/upgrades/firmware/svr-serie-cammobile/
Download CamControl LITE Demo Version	http://www.heitel.com/en/service/downloads/CamControl LITE
Download CamControl PRO Demo Version	http://www.heitel.com/en/service/downloads/CamControl PRO

1. Introduction

The launch of firmware 1.58 for HeiTel devices **CamMobile 4** and **10**, **CamDisc^{svr} 4** and **10** as well as **CamTel^{svr} 4** and **10** activated the USB interface in the case front for the listed models. In order for you to be able to use the USB connection with your **CamControl LITE** or **CamControl PRO** software on your receiver PC, you must install the associated USB driver included in the delivery of the software. You will find this driver in the **\Drivers** subdirectory of your receiver software.

The **direct USB connection** requires the installation of a driver for the respective USB interface. After installation of this driver, the established interface will correspond to a network interface with a maximum transmission rate of 9.7 MBit/s.

Upon activation in the transmitter list of the **CamControl LITE/PRO** software, the **direct USB connection** will be made available in the position. The default data for this transmitter data are as follows and should not be changed:

- Sender name: Direct USB connection
- IP address and port: 192.168.138.95:3000

Only use a certified USB 2.0 hi-speed cable for connecting to the sender. The cable should not be longer than two meters.

2. Prerequisites

- 2.1. One of the following devices with firmware 1.58 or higher
- 2.2. **CamControl LITE** software 3.76 or higher; **CamControl PRO** software 3.76 or higher
- 2.3. Receiver PC with USB 2.0 hi-speed interface
- 2.4. Certified USB 2.0 hi-speed cable for connecting to the sender with a maximum length of two meters

Currently, the function can only be used with the following devices if their firmware is version 1.58 or higher:

- **CamDisc^{svr} 4** and **CamDisc^{svr} 10** devices
(serial numbers: CQxxxxxx and CVxxxxxx)
- **CamTel^{svr} 4** and **CamTel^{svr} 10** devices
(serial numbers: TQxxxxxx and TVxxxxxx)
- **CamMobile 4** and **CamMobile 10** devices
(serial numbers: MQxxxxxx and MVxxxxxx)

3. Driver Installation in Windows Vista

Install the USB driver in Windows Vista in the same way as you would in Windows XP, following the steps described below.

4. Driver Installation in Windows XP

Note: Before connecting a device to the USB interface of your receiver PC, please install the **CamControl LITE/PRO** software with version 3.76 or higher.

Please install the USB driver as follows:

- Switch on your HeiTel device and establish a USB connection from the receiver PC to the HeiTel device.
- In the Hardware Wizard, select **No, not this time** and confirm your selection with **Next >**.
- Select the option **Install from a list or specific location (Advanced)** and confirm your selection with **Next >**.
- Activate the options **Search for the best driver in these locations** and **Include this location in the search**. Click **Browse** to open the **Browse for Folder** dialog box.
- Select the **\Drivers** directory in the installation directory of your **CamControl LITE/PRO** software and confirm your selection with **OK**.
- Confirm by clicking **Next >** to start the installation process.
- If you receive a message regarding the Windows logo test, you can skip this test by selecting **Continue Anyway**.
- Complete the driver installation by selecting **Finish**.

5. Driver Installation in Windows 2000

Note: Before connecting a device to the USB interface of your receiver PC, please install the **CamControl LITE/PRO** software with version 3.76 or higher.

Additional driver files for Windows 2000 must be downloaded from the English-language Microsoft website regarding the **Remote NDIS USB Driver Kit**:
<http://www.microsoft.com/whdc/device/network/NDIS/rndis.msp>

- Download the file, execute it and unpack the archive data.

Please install the USB driver as follows:

- Switch on your HeiTel device and establish a USB connection from the receiver PC to the HeiTel device.
- In the Hardware Wizard, select **Search for a suitable driver for my device (recommended)** and confirm your selection with **Next >**.
- Select **Specify a location** and confirm your selection with **Next >**.
- Click **Browse** to open the **Locate File** dialog box. Select the **\Drivers** subdirectory in the installation directory of your **CamControl LITE/PRO**. Select *the linux.inf* file and confirm your selection by clicking **Open** and then **OK**.
- Continue the installation with **Next >**.
- Should the **Digital Signature Not Found** dialog box appear, continue the installation by selecting **Yes**.
- The **Required Files** dialog box then says: "The file 'usb8023y.sys' from (unknown) is required." Select **Browse** and enter the path of the previously extracted Microsoft RNDIS drivers. The required file is located in the path: `...\RNDIS USB kit 2005\Drivers\x86chk\sys` files. Confirm with **Open** and then **OK** to start the installation process.
- Complete the driver installation by selecting **Finish**.

6. Additional Driver Installation

If you are operating your HeiTel device with renewed use of the direct USB connection with another USB interface of your receiver PC, an additional driver installation may be required.

7. Additional USB Connection

If you wish to establish a USB connection to another port, supplement the transmitter list with a new entry. The above-mentioned IP address must be used for this. Only the port can be changed.

Only one HeiTel device can be connected with a receiver PC via the USB connection, because the device IP address for the USB connection is always 192.168.138.95 and cannot be changed. Simultaneous use of two devices via USB will inevitably result in IP address conflicts!